

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/243,342DATE: 11/01/94
TIME: 16:45:31

INPUT SET: S749.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

- (i) APPLICANT: Bucala, Richard J. et al.
- (ii) TITLE OF INVENTION: Inhibition of Migration Inhibitory
Factor in the Treatment of Diseases Involving
Cytokine-Mediated Toxicity
- (iii) NUMBER OF SEQUENCES: 17
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: PENNIE & EDMONDS
(B) STREET: 1155 Avenue of the Americas
(C) CITY: New York
(D) STATE: New York
(E) COUNTRY: U.S.A.
(F) ZIP: 10036-2711
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/243,342
(B) FILING DATE: 16-MAY-1994
(C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Coruzzi, Laura A.
(B) REGISTRATION NUMBER: 30,742
(C) REFERENCE/DOCKET NUMBER: 7815-008
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 212 790-9090
(B) TELEFAX: 212 869-8864/9741
(C) TELEX: 66141 PENNIE

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 348 base pairs

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47 (B) TYPE: nucleic acid
48 (C) STRANDEDNESS: single
49 (D) TOPOLOGY: unknown
50
51 (ii) MOLECULE TYPE: DNA
52
53 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
54
55 ATGCCTATGT TCATCGTGAA CACCAATGTT CCCC GCGCCT CCGTGCCAGA GGGGTTTCTG 60
56
57 TCGGAGCTCA CCCAGCAGCT GGCGCAGGCC ACCGGCAAGC CCGCACAGTA CATCGCAGTG 120
58
59 CACGTGGTCC CGGACCAGCT CATGACTTTT AGCGGCACGA ACGATCCCTG CGCCCTCTGC 180
60
61 AGCCTGCACA GCATCGGCAA GATCGGTGGT GCCCAGAACC GCAACTACAG TAAGCTGCTG 240
62
63 TGTGGCCTGC TGTCCGATCG CCTGCACATC AGCCCGGACC GGGTCTACAT CAACTATTAC 300
64
65 GACATGAACG CTGCCAACGT GGGCTGGAAC GGTTCACCT TCGCTTGA 348
66
67
68 (2) INFORMATION FOR SEQ ID NO:2:
69
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH: 348 base pairs
72 (B) TYPE: nucleic acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: unknown
75
76 (ii) MOLECULE TYPE: DNA
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
79
80 ATGCCGATGT TCATCGTAAA CACCAACGTG CCCC GCGCCT CCGTGCCGGA CGGGTTCCTC 60
81
82 TCCGAGCTCA CCCAGCAGCT GGCGCAGGCC ACCGGCAAGC CCCCCCAGTA CATCGCGGTG 120
83
84 CACGTGGTCC CGGACCAGCT CATGGCCTTC GGCGGCTCCA GCGAGCCGTG CGCGCTCTGC 180
85
86 AGCCTGCACA GCATCGGCAA GATCGGCGGC GCGCAGAACC GCTCCTACAG CAAGCTGCTG 240
87
88 TGCGGCCTGC TGGCCGAGCG CCTGCGCATC AGCCCGGACA GGGTCTACAT CAACTATTAC 300
89
90 GACATGAACG CGGCCAGTGT GGGCTGGAAC AACTCCACCT TCGCCTAA 348
91
92
93 (2) INFORMATION FOR SEQ ID NO:3:
94
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH: 501 base pairs
97 (B) TYPE: nucleic acid
98 (C) STRANDEDNESS: single
99 (D) TOPOLOGY: unknown

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100
101 (ii) MOLECULE TYPE: cDNA
102
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
104
105 CCATGCCTAT GTTCATCGTG AACACCAATG TTCCCCGCGC CTCCGTGCCA GAGGGGTTTC 60
106
107 TGTCGGAGCT CACCCAGCAG CTGGCGCAGG CCACCGGCAA GCGCGCACAG TACATCGCAG 120
108
109 TGCACGTGGT CCCGGACCAG CTCATGACTT TTAGCGGCAC GAACGATCCC TCGGCCCTCT 180
110
111 GCAGCCTGCA CAGCATCGGC AAGATCGGTG GTGCCCAGAA CCGCAACTAC AGTAAGCTGC 240
112
113 TGTGTGGCCT GCTGTCCGAT CGCCTGCACA TCAGCCCGGA CCGCTCCTAC AGCAAGCTGC 300
114
115 TGTGCGGCCT GCTGGCCGAG CGCCTGCGCA TCAGCCCGGA CCGGGTCTAC ATCAACTATT 360
116
117 ACGACATGAA CGCTGCCAAC GTGGGCTGGA ACGGTTCCAC CAGGGTCTAC ATCAACTATT 420
118
119 ACGACATGAA CGCGGCCAGT GTGGGCTGGA ACAACTCCAC CTTGCTTGA GTCCTGGCCC 480
120
121 CACTTACCTG CACCGCTGTT C 501
122

123
124 (2) INFORMATION FOR SEQ ID NO:4:
125
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 115 amino acids
128 (B) TYPE: amino acid
129 (C) STRANDEDNESS: single
130 (D) TOPOLOGY: unknown
131

132 (ii) MOLECULE TYPE: peptide
133

134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
135

136 Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro
137 1 5 10 15
138
139 Glu Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly
140 20 25 30
141
142 Lys Pro Ala Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
143 35 40 45
144
145 Thr Phe Ser Gly Thr Asn Asp Pro Cys Ala Leu Cys Ser Leu His Ser
146 50 55 60
147
148 Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Asn Tyr Ser Lys Leu Leu
149 65 70 75 80
150
151 Cys Gly Leu Leu Ser Asp Arg Leu His Ile Ser Pro Asp Arg Val Tyr
152 85 90 95

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153
154 Ile Asn Tyr Tyr Asp Met Asn Ala Ala Asn Val Gly Trp Asn Gly Ser
155 100 105 110
156
157 Thr Phe Ala
158 115
159
160

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 115 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro
1 5 10 15
Asp Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly
20 25 30
Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
35 40 45
Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser
50 55 60
Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu
65 70 75 80
Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr
85 90 95
Ile Asn Tyr Tyr Asp Met Asn Ala Ala Asn Val Gly Trp Asn Asn Ser
100 105 110
Thr Phe Ala
115

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: unknown

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206 (ii) MOLECULE TYPE: peptide
207
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
209
210 Ala Lys Lys Gly Ala Val Gly Gly Ile
211 1 5
212
213
214 (2) INFORMATION FOR SEQ ID NO:7:
215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 17 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: unknown
221
222 (ii) MOLECULE TYPE: peptide
223
224 (ix) FEATURE:
225 (A) NAME/KEY: Peptide
226 (B) LOCATION: 15
227 (D) OTHER INFORMATION: /label= X
228 /note= "X = Asn or Gly"
229
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
231
232 Ile Xaa His Asn Thr Val Ala Thr Glu Ile Ser Gly Tyr Asn Xaa Ala
233 1 5 10 15
234
235 Met
236
237
238 (2) INFORMATION FOR SEQ ID NO:8:
239
240 (i) SEQUENCE CHARACTERISTICS:
241 (A) LENGTH: 27 base pairs
242 (B) TYPE: nucleic acid
243 (C) STRANDEDNESS: single
244 (D) TOPOLOGY: unknown
245
246 (ii) MOLECULE TYPE: DNA
247
248 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
249
250 CCATATGCGG ATGTTTCATCG TAAACAC
251
252
253 (2) INFORMATION FOR SEQ ID NO:9:
254
255 (i) SEQUENCE CHARACTERISTICS:
256 (A) LENGTH: 26 base pairs
257 (B) TYPE: nucleic acid
258 (C) STRANDEDNESS: single

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SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text